-continued

(2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

Met Glu Lys Lys Ile Ser Gly Tyr Thr Thr
1 5 10

(2) INFORMATION FOR SEQ ID NO:6:

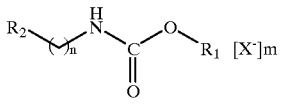
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 54 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

AGUGCAGGA GCUAAGGAAG CUACCAUGGA GAAGAAGAUC ACUGGAUAUA CCACC 54

We claim:

1. A lipid having the structure:



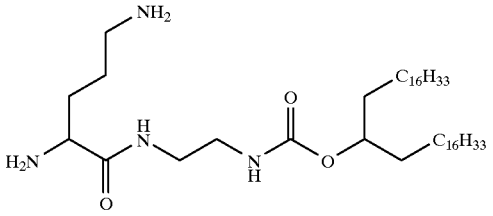
or a salt, or solvate, or enantiomers thereof wherein; (a) R_1 is a lipophilic moiety selected from the group consisting of a symmetrical branched alkyl or alkenyl of 25 to 40 carbon atoms, an unsymmetrical branched alkyl or alkenyl of 25 to 40 carbon atoms and CH (R_3R_4), wherein R_3 and R_4 are independently a straight chain alkyl moiety of about 10 to about 30 carbon atoms, or a branched alkyl moiety of about 10 to about 30 carbon atoms; (b) R_2 is selected from the group consisting of an amino acid residue having a positively charged group on the side chain, an alkylamine moiety of 3 to 10 carbon atoms, a fluoroalkylamine moiety or a perfluoroalkylamine moiety of 1 to 6 carbon atoms, an arylamine moiety or an aralkylamine moiety of 5 to 10 carbon atoms, a guanidinium moiety, an enamine moiety, an aromatic or non-aromatic cyclic amine moiety of 3 to about 9 carbon atoms, an amidine moiety, all isothiourea moiety, a heterocyclic amine moiety, a heterocyclic moiety and an allyl moiety of 1 to 6 carbon atoms substituted with a substituent selected from the group consisting of NH_2, $C(=O)NH_2$, NHR_6, $C(=O)NHR_6$, NHR_6R_7, or $C(=O)NHR_6R_7$, wherein R_6 and R_7 are independently selected from an alkyl moiety of 1 to 24 carbon atoms, an alkenyl moiety of 2 to 24 carbon atoms, an aryl moiety of 5 to 20 carbon atoms and an aralkyl moiety of 6 to 25 carbon atoms; (c) n is an integer from 1 to 8; (d) X is an anion or polyanion; and (e) m is an integer from 0 to a number equivalent to the positive charge(s) present on the lipid.

2. A lipid according to claim **1** wherein n is an integer from 2 to 6.

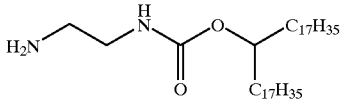
3. A lipid according to claim **1** wherein n is an integer from 2 to 4.

4. A lipid according to claim **1** wherein X^- is a pharmaceutically acceptable anion or polyanion.

5. A carbamic acid ester having the structure:



6. A carbamic acid ester having the structure:



7. A carbamic acid ester having the structure: